G00050

Permit # 20076

ENERGY RESOURCES, INC.

Energy Resources Inc.
P. O. Box 427
913 Main Street
Lawrence, Kansas 66044
(913) 841-3000
7300 Tomes
Wichita, Kansas 67226
(316) 681-3000

RUNG NO.

COMPANY: TOWN OIL COMPANY

WELL: NO. 101

FIELD: McGENNEY LEASE

COUNTY: CASS - MISSOURI

LOCATION: 2218.56' SL 1149.63' EL
SEC. 32 TWP. 44N. RGE. 33W

OTHER SERVICES: CCL PERFORATE

PERMANENT DATUM: Grdlvl ELEV.
LOG MEASURED FROM: Grdlvl FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM: Grdlvl

ELEV.: K.B.
D.F.
G.L.

DATE	11-15-80	11-15-80
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH - DRILLER	435.0	435.0
DEPTH - LOGGER	420.7	420.7
BOTTOM LOGGED INTERVAL	415.2	419.7
TOP LOGGED INTERVAL	30.0	44.5
TYPE FLUID IN HOLE	WATER	WATER
SALINITY PPM Cl.		
DENSITY		
LEVEL	FULL	FULL
MAX. REC. TEMP. DEG. F.		
OPERATING RIG TIME		
RECORDED BY	PRATT	PRATT
WITNESSED BY	TOWN	TOWN

RUN NO.	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT	FROM	TO
	8 3/4"	0.0	18.0	2"			3.0
	5 3/4"	18.0	435.0				

RECEIVED
MAR 19 1981
MO. OIL & GAS COUNCIL

EQUIPMENT DATA

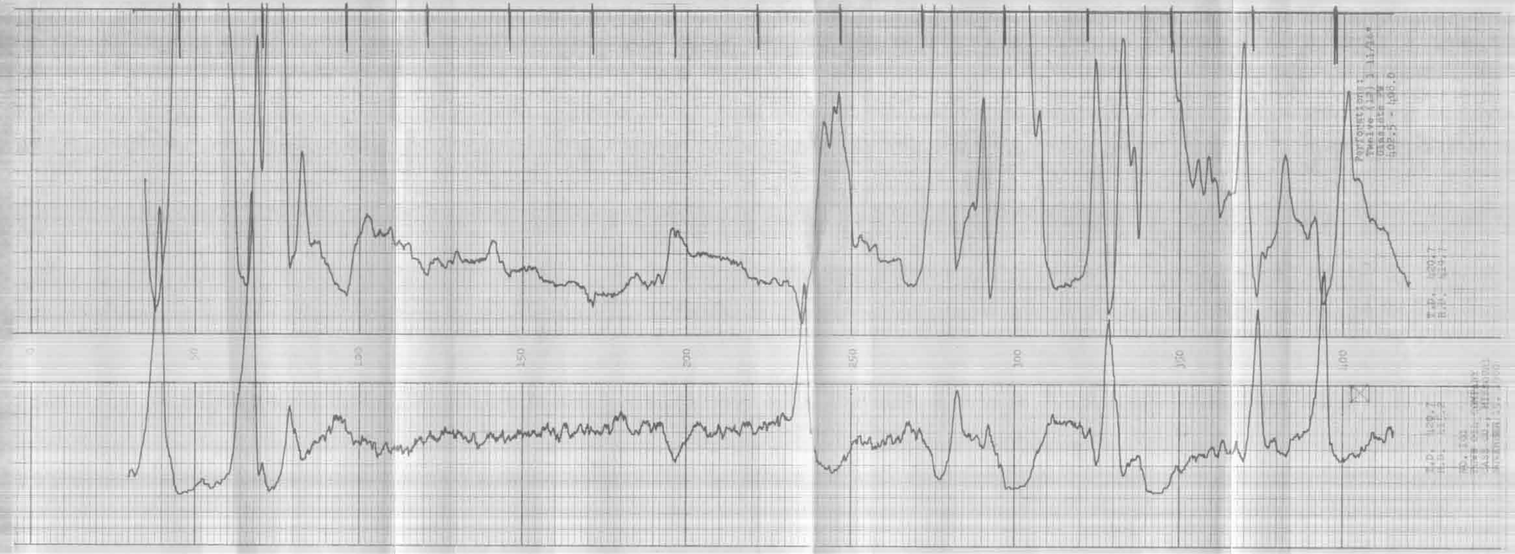
	GAMMA RAY	NEUTRON
RUN NO.	1 NW	1 NW
TOOL MODEL NO.	705/1218	705/2811
TOOL SERIAL NO.		
DIAMETER	1 3/8"	1 3/16"
DETECTOR MODEL NO.	705-102	705-102
TYPE	GEIGER	BF3
LENGTH	1 3/8" x 18"	1 3/16" x 8"
DISTANCE TO IN TOOLS	4.5	7.5
SOURCE MODEL NO.		7-1-3/70
SERIAL NO.		3.9
SPACING		4.5
TYPE		AmBe-241
STRENGTH		0.5
GENERAL	0.0020	
	0.0020	
	0.0000	
HOIST TRUCK NO.		
INSTRUMENT TRUCK NO.		
TOOL SERIAL NO.		

LOGGING DATA

GENERAL				GAMMA RAY				NEUTRON			
RUN NO.	CENTER FROM	TO	SPEED FT/MIN	T.C. SEC.	SENS. SETTINGS	ZERO DIV. OR #	ATT. OR SHIFTS PER LOG DIV.	T.C. SEC.	SENS. SETTINGS	ZERO DIV. OR #	ATT. OR SHIFTS PER LOG DIV.
1	0	2.4	20	1.0	1000/0.25	3.8	10	1.0	4.0 5000/100	5.4	20

REFERENCE SIGNATURE:

REMARKS: OPERATING CONTRACTOR: COMPANY TOOLS

CASING COLLARS

GAMMA RAY NEUTRON DEPTH